

In the Claims

Applicant has submitted a new complete claim set showing marked up claims with insertions indicated by underlining and deletions indicated by strikethrough or double brackets.

Please amend claims 1, 3, 6 and 11-20 as shown below.

1. (Currently Amended) A hand-held electronic security apparatus adapted to allow a user to obtain identifying information of an individual at a first location and allow the user to determine whether to allow or deny the individual access to a designated area, the apparatus comprising:

a casing;

a computer disposed within the casing, the computer having a computer program;

a first input device coupled to the computer and adapted to receive identifying information of the individual, the computer being adapted to receive and process identifying information from the first input device;

a storage medium communicating with the computer, the storage medium including a database of identifying information of at least one individual, wherein the computer compares identifying information of the individual received from the first input device with the identifying information stored in the storage medium;

a second input device coupled to the computer and adapted to enter remarks into the computer program regarding at least one of the individual and the identifying information;

a transmitter coupled to the computer and adapted to electronically transmit at least one of the identifying information and remarks to a second location remote from the first location;

a receiver coupled to the computer and adapted to receive instructions from the second location, the instructions comprising an action the user of the apparatus should take perform regarding the individual, the action comprising one of allowing and denying the individual access to the designated area; and

an output device coupled to the computer and adapted to inform the user of the apparatus of the instructions.

2. (Previously Presented) The apparatus according to claim 1, wherein the identifying information includes an image of the individual.

3. (Currently Amended) The apparatus according to claim 2, wherein the first input device comprises a camera coupled to the computer and adapted to obtain ~~an~~ the image of the individual.

4. (Previously Presented) The apparatus according to claim 2, wherein the output device comprises a display coupled to the computer and adapted to display the image.

5. (Previously Presented) The apparatus according to claim 1, wherein the apparatus is adapted to communicate with a remote location to receive identifying information.

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~~10/31/95~~ 6. (Currently Amended) The apparatus according to claim 2, wherein the computer includes image recognition software for use in comparing the image of the individual to the ~~a~~ database of stored images. *new*

7. (Original) The apparatus according to claim 2, wherein the image is at least one of a facial image, a hand image, a fingerprint image and an eye image.

8. (Original) The apparatus according to claim 3, wherein the camera is constructed and arranged to reduce a likelihood of being detected. *design choice*

9. (Previously Presented) The apparatus according to claim 1, wherein the storage medium is housed separately from the casing.

10. (Previously Presented) The apparatus according to claim 3, wherein the apparatus is adapted to capture, together with the camera, both a streaming video digital image of the individual and a still digital image of the individual. *design choice*

11. (Currently Amended) The apparatus according to claim 3, wherein the first input device comprises a camera control unit coupled to the computer and the camera, the camera control unit

~~being and housed within the casing and a camera coupled to the camera control unit, the camera being housed separately from the camera control unit.~~

12. (Currently Amended) A method of obtaining identifying information of an individual at a first location, the method comprising acts of:

~~obtaining loading a desired program into an apparatus, the apparatus having a computer, a database and a camera control unit coupled to the computer and adapted to receive and process images from an imager that is housed separately from the camera control unit, the apparatus being capable of capturing, together with the imager, both a streaming video digital image of the individual and a still digital image of the individual;~~

~~instructing the same apparatus to capture, together with the imager, a digital image comprising at least one of a) a the streaming video digital image of the individual at a first location and b) a the still digital image of the individual at a first location;~~

~~operating the same apparatus to enter in the program database remarks about the individual, the remarks including at least one of notes regarding the individual, a date the digital image was taken, an identification of the individual, and an identification of a person using the apparatus;~~

~~instructing the same apparatus to electronically transmitting the remarks and the digital image transmit the at least one of streaming video digital image, still digital image and remarks to a second location remote from the first location[[:]] so that~~

~~reviewing the at least one of streaming video digital image, still digital image and remarks the remarks and the digital image may be reviewed at the second location and instructions based on the remarks and the digital image may be prepared at the second location;~~

~~receiving the preparing instructions, prepared based on at least one of the streaming video the remarks and the digital image, still digital image and remarks from the second location, the instructions comprising an action the user of the apparatus should perform regarding the individual;~~

~~transmitting instructions back to the first location; and~~

~~performing an the action regarding the individual in response to the instructions.~~

13. (Currently Amended) The method according to claim 12, further comprising an act of storing, in the apparatus, at least one of a plurality of images of individuals and remarks concerning at least one individual and instructional information regarding the at least one individual.

14. (Currently Amended) The method according to claim 12, further comprising an act of operating the same apparatus to enter in the database program audio data regarding the individual.

15. (Currently Amended) The method according to claim 14, further comprising electronically transmitting an act of instructing the same apparatus to electronically transmit the audio data to the second location.

16. (Currently Amended) The method according to claim 12, wherein the act of entering remarks in the database program about the individual comprises an act of inputting in the database program at least one of text and voice.

17. (Currently Amended) The method according to claim 12, wherein the act of transmitting the digital image instructing the same apparatus to transmit the image comprises an act of transmitting instructing the same apparatus to transmit the digital image via a wireless connection.

18. (Currently Amended) The method according to claim 12, wherein the act of transmitting instructing the same apparatus to transmit the digital image comprises an act of transmitting instructing the same apparatus to transmit the digital image via the Internet.

19. (Currently Amended) The method according to claim 12, wherein the act of instructing the apparatus to capture, together with the imager, at least one of a) a streaming video digital image of the individual at a first location or b) a still digital image of the individual at a first

~~location~~ the digital image, comprises an act of instructing the apparatus to capture, together with the imager, a the still digital image of the individual at the a first location.

20. (Currently Amended) The method according to claim 12, wherein the act of instructing the apparatus to capture, together with the imager, ~~at least one of a) a streaming video digital image of the individual at a first location or b) a still digital image of the individual at a first~~ ~~location-~~ the digital image, comprises an act of instructing the apparatus to capture, together with the imager, a the streaming video digital image of the individual at a the first location.

21. (New) A computer-readable medium having computer-readable signals stored thereon that define instructions that, when executed by at least one processor, instruct at least one computer to perform a method of obtaining identifying information of an individual at a first location and informing a user of the at least one computer whether to allow or deny the individual access to a designated area, the at least one computer communicating with a first input device, a second input device, a transmitter, a receiver, and an output device, the method comprising acts of:

receiving identifying information of the individual from the first input device;

receiving remarks from the second input device, the remarks regarding at least one of the individual and the identifying information;

transmitting the identifying information and remarks to a second location remote from the first location with the transmitter;

receiving instructions from the second location with the receiver, the instructions comprising one of allowing and denying the individual access to the designated area; and

informing the user of the at least one computer of the instructions via the output device.

22. (New) The computer-readable medium according to claim 21, wherein the identifying information includes an image of the individual.

23. (New) The computer-readable medium according to claim 22, in combination with the first input device, wherein the first input device comprises a camera coupled to the at least one computer and adapted to obtain the image of the individual.

24. (New) The computer-readable medium according to claim 22, in combination with the output device, wherein the output device comprises a display coupled to the at least one computer and adapted to display the image.
25. (New) The computer-readable medium according to claim 22, wherein the at least one computer includes image recognition software for use in comparing the image of the individual to a database of stored images.
26. (New) The computer-readable medium according to claim 22, wherein the image is at least one of a facial image, a hand image, a fingerprint image and an eye image.
27. (New) The computer-readable medium according to claim 23, wherein the at least one computer is adapted to capture, together with the camera, both a streaming video digital image of the individual and a still digital image of the individual.
28. (New) The combination according to claim 23, in combination with the at least one computer and further comprising a casing having the at least one computer housed therein, wherein the first input device comprises a camera control unit coupled to the at least one computer and a camera coupled to the camera control unit, wherein the camera control unit is housed within the casing and wherein the camera is housed separately from the casing.
29. (New) A computer-readable medium having computer-readable signals stored thereon that define instructions that, as a result of being executed by at least one processor, instruct the at least one processor to perform a method of obtaining identifying information of an individual at a first location and informing a user of the at least one processor whether to allow or deny the individual access to a designated area, the at least one processor communicating with a camera control unit housed within a casing, at least one output device housed within the casing, and an imager housed separately from the casing, the method comprising acts of:

capturing a digital image comprising at least one of a) a streaming video digital image of the individual at the first location and b) a still digital image of the individual at the first location;

receiving remarks about the individual, the remarks including at least one of notes regarding the individual, a date the digital image was taken, an identification of the individual, and an identification of a person using the at least one processor;

transmitting the remarks and the digital image to a second location remote from the first location, thereby allowing review, at the second location, of the remarks and the digital image;

receiving instructions based on the remarks and the digital image from the second location, the instructions comprising one of allowing and denying the individual access to the designated area; and

informing the user of the at least one processor of the instructions via the at least one output device.

30. (New) The computer-readable medium according to claim 29, wherein the method that the computer-readable signals instruct the at least one processor to perform further comprises an act of storing, in a storage medium, at least one of a plurality of images of individuals and remarks concerning at least one individual and instructional information regarding the at least one individual.

31. (New) The computer-readable medium according to claim 29, wherein the method that the computer-readable signals instruct the at least one processor to perform further comprises an act of receiving audio data regarding the individual.

32. (New) The computer-readable medium according to claim 31, wherein the method that the computer-readable signals instruct the at least one processor to perform further comprises an act of transmitting the audio data to the second location.

33. (New) The computer-readable medium according to claim 29, wherein the act of receiving remarks about the individual comprises an act of receiving at least one of text and voice.

34. (New) The computer-readable medium according to claim 29, wherein the act of transmitting the digital image comprises an act of transmitting the digital image via a wireless connection.

35. (New) The computer-readable medium according to claim 29, wherein the act of transmitting the digital image comprises an act of transmitting the digital image via the Internet.

36. (New) The computer-readable medium according to claim 29, wherein the act of capturing, together with the digital imager, the digital image, comprises an act of capturing, together with the imager, a still digital image of the individual at the first location.

37. (New) The computer-readable medium according to claim 29, wherein the act of capturing, together with the imager, the digital image, comprises an act of capturing, together with the imager, a streaming video digital image of the individual at the first location.

38. (New) A method of receiving at a second location, from an apparatus, identifying information and remarks regarding an individual who, together with the apparatus, is at a first location, and transmitting instructions to the apparatus, the method comprising acts of:

receiving from the apparatus at least one transmission comprising identifying information of the individual at the first location, and remarks, entered on the apparatus by a user, regarding the individual; and

preparing instructions at the second location based on the identifying information and the remarks, the instructions comprising one of allowing and denying the individual access to a designated area; and

transmitting the instructions to the apparatus.

39. (New) The method according to claim 38, wherein the identifying information includes an image of the individual.

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40. (New) The method according to claim 39, wherein the image is at least one of a facial image, a fingerprint image and an eye image.

41. (New) A method of receiving, from an apparatus, identifying information and remarks regarding an individual who, together with the apparatus, is at a first location, and transmitting instructions to the apparatus, the method comprising acts of:

receiving from the apparatus at least one transmission that comprises:

a digital image comprising at least one of a) a streaming video digital image of the individual at the first location and b) a still digital image of the individual at the first location; and

remarks regarding the individual, the remarks including at least one of notes regarding the individual, a date the digital image was taken, an identification of the individual, and an identification of a person using the apparatus;

preparing instructions based on the at least one transmission, the instructions comprising an action a user of the apparatus should perform regarding the individual; and

transmitting the instructions to the apparatus.

42. (New) The method according to claim 41, wherein the act of receiving remarks comprises receiving audio data regarding the individual.

43. (New) The method according to claim 41, wherein the act of receiving the at least one transmission comprises receiving the at least one transmission via a wireless connection.

44. (New) The method according to claim 41, wherein the act of receiving the at least one transmission comprises receiving the at least one transmission via the Internet.

45. (New) The method according to claim 41, wherein the act of receiving the at least one transmission comprises receiving a streaming video digital image of the individual at the first location.

46. (New) The method according to claim 41, wherein the act of receiving the at least one transmission comprises receiving a still digital image of the individual at the first location.

47. (New) A computer-readable medium having computer-readable signals stored thereon that define instructions that, as a result of being executed by at least one processor, instruct the at least one processor to perform a method of receiving at a second location, from an apparatus, identifying information and remarks regarding an individual who is at a first location, and transmitting instructions to the apparatus, the method comprising acts of:

receiving from the apparatus at least one transmission comprising identifying information of the individual at the first location, and remarks, entered on the apparatus by a user, regarding the individual;

preparing instructions at the second location based on the at least one transmission, the instructions comprising one of allowing and denying the individual access to a designated area; and

transmitting the instructions to the apparatus.

48. (New) The computer-readable medium according to claim 47, wherein the identifying information includes an image of the individual.

49. (New) The computer-readable medium according to claim 48, wherein the image is at least one of a facial image, a fingerprint image and an eye image.

50. (New) A computer-readable medium having computer-readable signals stored thereon that define instructions that, as a result of being executed by at least one processor, instruct the at least one processor to perform a method of receiving identifying information and remarks, from an apparatus, regarding an individual who is at a first location and transmitting instructions to the apparatus, the method comprising acts of:

receiving from the apparatus at least one transmission that comprises:

a digital image comprising at least one of a) a streaming video digital image of the individual at the first location and b) a still digital image of the individual at the first location; and

remarks regarding the individual, the remarks including at least one of notes regarding the individual, a date the digital image was taken, an identification of the individual, and an identification of a person using the apparatus;

preparing instructions based on the at least one transmission, the instructions comprising an action a user of the apparatus should perform regarding the individual; and

transmitting the instructions to the apparatus.

51. (New) The computer-readable medium according to claim 50, wherein the act of receiving the at least one transmission comprises receiving audio data regarding the individual.

52. (New) The computer-readable medium according to claim 50, wherein the act of receiving the at least one transmission comprises receiving the at least one transmission via a wireless connection.

53. (New) The computer-readable medium according to claim 50, wherein the act of receiving the at least one transmission comprises receiving the at least one transmission via the Internet.

54. (New) The computer-readable medium according to claim 50, wherein the act of receiving the at least one transmission comprises receiving a streaming video digital image of the individual at the first location.

55. (New) The computer-readable medium according to claim 50, wherein the act of receiving the at least one transmission comprises receiving a still digital image of the individual at the first location.

56. (New) A method of obtaining identifying information of an individual, the individual being present at a first location, the method comprising acts of:

obtaining a hand-held apparatus having a casing, a computer disposed within the casing, the computer having a computer program and a data repository, the computer communicating with a first input device, a second input device, a transmitter, and a receiver;

capturing, via the first input device, identifying information of the individual;

entering remarks into the data repository with the second input device, the remarks regarding at least one of the individual and the identifying information;

transmitting with the transmitter the identifying information and the remarks to a second location remote from the first location; and

receiving instructions from the second location with the receiver, the instructions comprising one of allowing and denying the individual access to a designated area.

57. (New) The method according to claim 56, wherein the identifying information includes an image of the individual.

58. (New) The method according to claim 57, wherein the first input device comprises a camera coupled to the computer and adapted to obtain the image of the individual.

59. (New) The method according to claim 56, wherein the act of entering remarks with the second input device comprises an act of entering audio remarks.

60. (New) The method according to claim 57, wherein the computer includes image recognition software for use in comparing the image of the individual to a database of stored images.

61. (New) The method according to claim 57, wherein the image is at least one of a facial image, a hand image, a fingerprint image and an eye image.

62. (New) The method according to claim 56, wherein the storage medium is housed separately from the casing.

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63. (New) The method according to claim 58, wherein the apparatus is adapted to capture, together with the camera, both a streaming video digital image of the individual and a still digital image of the individual.

64. (New) The method according to claim 58, wherein the first input device comprises a camera control unit coupled to the computer and the camera, the camera control unit being housed within the casing, and the camera being housed separately from the camera control unit.